BOTANICUM Hortenſe IV.

Giving an Account *of divers* Rare Plants, *Obſerved the laſt* Summer *A. D.* 1714. *in ſeveral* Curious Gardens *about* London *and particularly* the Society *of* Apothecaries *Phyſick-Garden at* Chelſea.

By James Petiver, F. R. S.

Continued from the laſt *Tranſactions.*

47 *Plantæ* Naſifloræ. *Snout-Flowers.*

ALehoof Snapdragon. Ray Hiſt. Plantar. p. 567. pl. 3.

Cymbalaria *Hederæ terreſtris* folio, *flore* maximo. *Antirrhino* ſeu *Linariæ* affinis fol. *Hederæ* terreſtris. *Flor.* Batav.

Aſarina *Lob.* Lugd. 915 fig. 2.

Aſarina Lob. *flore* Hederæ terreſtris I. B. 3. App. 840. fig.

Aſarina ſterilis, *Sevenæ* Narbonenſis agri *Lob.* Obſ. 329 Ic.

Aſarina ſive ſaxatilis *Hederula* Lob. *Icon.* 601.

Hedera ſaxatilis *Jonſt.* 856. fig. 2.

Hedera terreſtris, magno *flore* C. B. 306. Phyt. 609. 3.

Its *Flowers, Seeds* and *Capſules* plainly ſhew it to be a kind of *Snapdragon. Lobel* ſays this grows wild in *Narbone* and *Provence* (from whence I ſhould be glad to ſee it,) but his *Figure* does not expreſs the Hoarineſs with which our *Leaves* are endowed, nor are its *Flowers* ſo large or exact. I firſt ſaw this elegant Plant in the

Amſterdam Phyſick-Garden, *Flowring* in *July*, and ſince at *Chelſea*.

48. Engliſh *Yellow Panſey*. Ray's *Britiſh* Herbal. *Tab.* 37. fig. 10.

Viola montana lutea grandiflora *noſtras* Ray 1052. 5. *Syn.* ed. 215. 8.

Viola 5. Jonſt. 853. *Ger.* 704.

Mr. *Ray* obſerved this in divers boggy mountainous Paſtures in *Darby-ſhire*, *Yorkſhire*, and *Wales*. It *Flowers* very well in our *Gardens*, and makes a beautiful edging.

49. *Bog* Violet. *Rays* Britiſh *Herball* Tab. 37. Fig. 5.

Viola paluſtris rotundifolia *Plot.* Hiſt. Oxon. 144. 4. Tab. 9. fig 2. *Ray* 1050. 4. Synopſ. 152. 4. edit. 2. p. 214. 4.

Viola paluſtris rotundifolia glabra *Moris.* Oxon. 475. 5. *ſect.* 5. Tab. 35. *fig.*

Dr. *Plot* firſt diſcovered this in the Bogs about *Stonwood* in *Oxfordſhire*, and *Chiſwell* in *Barkſhire*, ſince which it hath been found in the like Places between *Wickam* and *Croydon* in *Surry* plentifully, from whence it was tranſplanted into *Chelſea Garden*. It *Flowers* in *April* and *May*.

50. *Hairy Wood* Violet. *Rays* Britiſh Herball Tab. 37. fig. 7.

Viola *Trachelii* folio *Morret.* pin. 125.

Viola *Martia* hirſuta, major, inodora Plot. Oxon 144. 3. Ray 1051. 5. Synopſ. 152. 6. ed. 2. p. 215. 6.

Viola *Martia* major, hirſuta inodora *Moris.* Ox. 475. 4. S. 5 *Tab.* 35. fig.

Grows plentifully in *Charlton* and other *Woods* in *Kent*, &c. It *Flowers* in *March* and *April*.

51. Upright *Tree-Violet* Ray 1052. 1.

Viola *arboreſcens* vel potius erecta *Camer.* Epit. 511. fig. opt.

Viola aſſurgens tricolor *Ger.* 703. Ic. 2. *Jonſt.* 854. fig.

Viola elatior *Cluſ.* 309.

Viola Martia *arboreſcens* purpurea C. B. 195. 2.

Viola *Martia* ſurrectis cauliculis *Lob.* Ic. 610. 2.

Jacea

Jacea *tricolor*, ſurrectis caulibus, quibuſdam *arborea* dicta *Chabr.* 510. Ic. 3. I. B 3. l. 32. p. 547. fig.

Cluſius obſerved this to grow common in the *Woods* of *Auſtria* and *Styria*. Dr. *Moriſon* in his *Hiſt. Oxon.* p. 476. ſays this is found in *England* on the Tops of *Mountains* and in *Woods*, which has not as yet been obſerved, either by the inquiſitive Mr. *Ray* or any other.

Plantæ Bacciferæ. Berry-bearing Plants.

52. Long *Horſe-tongue* Ray 663. 1.

Bonifacia ſive *Biſlingua* Chabr. 45. Ic. 5. & 6. I. B. 1. l. 5. p. 575. fig.

Hippogloſſum *Camer.* Epit. 919. fig.

Hippogloſſum *Dioſcoridis* & Laurotaxa *Plinii* Col. 165. fig. opt.

Hippogloſſum ſive *Biſlingua* Barrel. pl. 5. Ic. 249. Park. 702. Ic.

Hippogloſſum mas & feminæ Ger. 761. Ic. 1. & 2. Jonſt. 908. Ic. 1. & 2.

Radix Idea, Hippogloſſum *Col.* phyt. 64. fig.

Ruſcus anguſtifolius, *fructu* folio innaſcente *El. Bot.* 70. *Inſt.* 79.

This and the next are accurately *Figured* by *Columna* & *Barrellier*. The peculiarity of this Plant is to have a ſmall tongue like the *Key* or *Fruit* of the *Aſh-tree*, growing from the middle Rib on the under ſide of each Leaf.

Grows on ſhady *Mountains* in *Italy* and *Hungary*.

53. Round *Horſe-tongue* Ray 663. 2.

Laurus Alexandrina *Camer.* Epit 936. Ic. *Chabr.* 46. Ic. 1. I. B. 1. l. 5. p. 574. fig.

Laurus *Alexandrina* & Chamædaphne *Col.* 165. *fig.* opt.

Laurus *Alexandrina* genuina *Park.* 700. fig. 1.

Laurus *Alexandrina* vera *Dioſc.* & *Theophr.* Barrel. 6. Ic. 250.

Laurus *Alex.* fructu folio inſidente C B. 305.

Ruſcus latifolia, *fructu* folio innaſcente E. B. 70. *Inſt.* 79.

I have a very fair Specimen of this in *Flower*, gathered with the laſt at *Gibralter* by Dr. *Pelham Jonſton* a curious Botaniſt.

54. Cherry *Nightſhade* Ray 673. 4.

Amomum *Plinii* Ger. 289. fig. *Jonſt.* 361. fig.

Amomum Plinii *Strycnodendron* ſive *Solanum* arboreſcens *Lob.* Ic. 265. 1. *Belg.* 322 *Obſ.* 136. fig.

Pſeudo Capſicum ſeu *Amomum* Plinii *Park.* parad. 427. fig. 7.

Solanum fruticoſum *Tabern.* 578. Ic. 2.

Solanum fruticoſum baceiferum C B. 166. 9. *phyt.* 29.

Solanum fruticoſum *Americanum* dictum *Amomum* Plinii *Park.* 353 fig.

Its an old Inhabitant in our Gardens, where it *Flowers* about Midſummer, and its *Cherry-like* Fruit is ripe in the *Winter.*

I have received this from the *Maderas*, where Dr. *Sloan*, that Conſummate *Botaniſt*, has alſo obſerved it.

55. Virginia *Potatoes* Ray 675. 14.

Batata *Virginiana* ſ Virginianorum & *Pappus* Ger. 781. fig. *Jonſt.* 927. fig.

Arachidna *Theophr.* fortè *Papas* Peruanorum *Cluſ.* 97. fig.

Papas ſeu *Battatas* Virginianorum *Park.* parad. 517. fig. 3.

Papas *radix*, ex qua Edulium *Chunno* dictum conficitur *Joſ. Acoſta* l. 4 c. 17. imo *Panis* loco utuntur quem *Chunno* dictum vocant *id.* l. 3. cap. 20.

Solanum *tuberoſum* C B. phyt. 301. 19.

Solanum *tub.* eſculentum C B. 167. 13. *Prodr.* 89. fig. *opt.*

We are obliged to that indefatigable Botaniſt *Caſpar Bauhine* for a moſt accurate *Figure* and full *Deſcription* of this uſeful *Root*, which was firſt diſcovered in *Virginia* and there call'd *Openanck.*

It was firſt cultivated in *Ireland*, and now about *London*, and in many Counties of *Great Britain.* It *Flowers* from *July* till *Autumn* and then *Fruits*, altho' rarely ripens.

Herbæ

Herbæ *capitibus ſtellatis* ſeu *echinatis*, *Herbs* with *Star* or *Burr* heads.

56. Avicens *Abtilon* Ray 699. 1. H. *Oxon.* 531.
Althea lutea *Ger.* 790. fig. *Jonſt.* 935. fig.
Althea lutea ſive Abutilon *Avicennæ* putatum *Park.* 304. Ic 5.
Althea luteis floribus *Lob.* Ic 635. 1. *Belg.* 801. *Obſ* 374. fig.
Althea *Theophraſti* fl. luteo C B. 316. 8. *phyt.* 632. 8.
Althea *Theophraſti* fl. luteo, quibuſdam *Abutilon* I B. 2. l. 23. p. 958. fig. *Chabr.* 302. Ic. 1.

Caſpar Bauhine obſerved this Plant, altho' an *Annual*, 2 Cubits high, between *Ferraria* and *Bononia*. Its alſo a Native of both the *Indies*, from whence I have received it.

57. Betony *Mallow* Ray 593. 3 H. *Oxon* 522. xi.
Alcea *Betonicæ* folio fl. purpureo violaceo *Barrel.* 72. Ic. 1189.
Malva *Betonicæ* folio H *Bleſ.* 285. Pocc. 15. fig *Zan.* 130. fig. 52.
Malacoides *Betonicæ* folio *Inſt.* R. H. 98.

This elegant *Mallow* grows wild in *Tuſcany*, from whence it was ſent me by *Pet. Antony Micheli* the Grand Duke's *Botaniſt* as alſo from the Reverend *Bruno Tozzi* Abbot of *Vallambroſe* and Fellow of the *Royal Society*.

58. *Cupain* his Dwarf *Spearwort* Ray 3. p. 361. 27.
Ranunculus *Alpeſtris* paluſtris, lignoſus, fol. *Ocimi* echinatus H. *Cathol.*
Ranunculus *Siculus* fol. rotundo vix ſerrato *Gazoph* Natur. Tab. 24. fig. 9. opt.

This is a ſmall ſtooping Plant, with pretty large *Heads*, its *Leaves* broad and lightly notcht. *Grows* wild in *Sicily*.

59. Mutet *Crowfoot* Ray 582. 5.
Ranunculus magnus valde hirſutus. fl. luteo I. B. 3. l. 30 p. 417. fig. *Chabr.* 465. Ic. 6.

Ranuncu-

Ranunculus mont. ſubhirſutus, *Geranii* folio C B. 182. 13.
Ranunculus montanus ſubhirſutus, *Geranii* folio C B. *pr.* 96. 6. fig.
Ranunculus mont latifol. hirſutus alter C B. *phyt.* 323. 15.

C B. in his *Phytopinax* ſays he firſt found this on Mount *Mutet* near *Baſil*, and afterwards on *Roſsberg* near *Tubing* in *Wirtenbergh*. I received the firſt Specimen of this from Mr. *Jacob Bobart* at *Oxford*.

Herbæ *Tetrapetalæ*. Quaterpetals.

60. Babylonion *Creſs*, Ray 821. 1.
Draba prima umbellata C B. *phyt.* 174. 1.
Draba vulgaris *Park.* 849. fig. 1.
Draba *Dioſcoridis* Jonſt. 274. fig. 1.
Draba ſive *Arabis* Chabr. 295. Ic. 6.
Draba multis fl. albo. I B. 2. l. 22. p. 939. fig.
Draba *umbellata* vel *Draba* maj. capitulis donata C B. 109. 1.
Arabis ſive *Draba* & Naſturtium *Babylonicum* Lob. Ic. 224. 1 *Belg.* 267. fig. *Obſ.* 111.

Grows in the Borders of Fields about *Vienna* plentifully, as alſo in the like Places in *Italy* and *France*. Flowring in *May* and *June*.

61. Bur *Rocket* Ray 804. 4.
Erucago ſegetum *El. Bot.* 199. Inſt. 152.
Eruca *Monſpeliaca* ſiliquâ quadrangulâ *Park.* 821. fig.
Eruca *Monſp.* ſil. quadrangulâ echinatâ C B. 99. 14. *phyt.* 149. 15. *prodr.* 41. 7. *fig.* opt.
Raphaniſtrum diſpermon *Monſpel.* ſil. quadrangulâ echinatâ *H. Leyd.* 520.
Sinapi echinatum *Lugd.* 647. fig. *Chabr.* 275. Ic. 3. I. B. 2. l. 21. p. 858. fig.

Grows about *Montpelier* in Corn. It *Flowers* and *Seeds* in *June*, &c.

62. Ever-green *Perſian* Tufts *Ray* 837. 7.
Thlaſpi fruticoſum *Leucoii* folio latifol. C B 108. 1. *prodr.* 49. 9. *Park.*

Thlaſpi

Thlaſpi frut. umbellatum *Perſicum*, fol. *Leucoii* inſtar ſem-pervirentibus H. *Oxon* 296. 23.

Thlaſpi latifol. platycarpon, *Leucoii* foliis *Bocc.* 55, fig. opt.

Thlaſpi ſempervirens & florens *Dodart.* 115. fig.

Thlaſpidium frutic. *Leucoii* folio ſemperflorens E. B. 183. *Inſt.* 214.

Thlaſpio fruticoſo di *Perſia*, con foglia di *Keiri*, di fiore odorato *Zanon* 106. Tab. 74. fig.

This is always green, *Flowers* long and eſpecially towards the *Winter*, its ſaid to come from *Perſia*, Boccone *found* it wild about *Palermo* in *Sicily*.

63. Garlick *Creſs* Ray 834. 19.

Scorodo-thaſpi *Uliſſis Aldrovandi* Chabr. 294. Ic. 1. I. B. 2. l. 22. p. 932. fig.

Thlaſpi *Allium* redolens H. *Oxon.* 297. 28. Tab. 18. fig.

That very great and laborious Naturaliſt *Uliſſes Aldrovandus* firſt diſcovered this Plant growing about *Bononia*. It *Flowers* and Seeds in *Chelſea-Garden* early in the *Spring*.

Plantæ H. pentapetalo. *Cinquepetals.*

64. Dwarf *Gentian* with a large Flower *Ray* 718. 2.

Gentiana *Apina* magno flore I B. 3. l 31. p. 523. fig.

Gentiana *Alp.* pumila, *latifol.* magno *flore* Elem. *Botan.* 96.

Gentiana *Alp.* magno *fl.* cæruleo violaceo *Marianæ* Chabr. 503. Ic. 6.

Gentiana 5. *Gentianella* major verna *Cluſ.* 314. fig.

Gentianella *Alpina* verna major *Park.* 402. fig. 1.

Gentianella *Alp.* latifol. magno *flore* C B. 187. 1. phyt. 347. 16 *prodr*, 97. c. x. 1.

Gentianella *Helvetica* Lob. *Icon.* 310. 1. Belg. 381.

Gentianella *Campanulæ* flore purp. *Helvetiæ* Adv. 130. fig.

I B. makes this and the *Anguſtifolia* to be the ſame Plant.

Grows

Grows on moſt *Mountains* in *Auſtria*, *Styria* and *Swiſſerland*, where it *Flowers* in their Spring, *viz.* in *June*, or as ſoon as the Snow there melts.

This elegant Plant is pretty *common* in moſt of our *Countrey* Gardens.

65. Pona's *blew Valerian* Ray 745. 6.
Cervicaria *Valerianoides* cærulea C B. 95. 20.
Rapunculus *Valerianoides* cæruleus umbellatus *Boer.* 104. 3.
Rapuntium umbellatum *Col.* phyt. 2. p. 22.
Trachelio azuro umbellifero *Ponæ* Ital. 44. fig.
Trachelium umbelliferum cæruleum *Park.* 645. 8.
Valerianoides Alpin. *Trachelii* folio, *fl.* coccineis *Alm. Bot.* 379.

This is very different from the *Telephium* fl. purpureis *Lobel.* Ic. 389. 2. as *Columna* and C B. from him take to be the ſame.

Pona, in his *Italian Edition* of the Plants on *Mount Baldus*, gives the firſt *Figure* and *Deſcription* of this elegant Plant, which he received from *Signior Contareni* at *Venice*, and ſuppoſes it to come from *Candy*; but *Pere Barrelier* ſays it grows in moiſt ſhady Places not only about *Rome* but *Valentia* in *Spain*, where its alſo ſometimes found with a *white Flower*. Its blew umbelliferous Tufts make a beautiful Shew in our *Phyſick Garden* where it *Flowers* from *Midſummer* till the end of *September*.

66. Childing *Pink* Ray 990. 13. H. *Ox* 563. 21.
Caryophyllus ſylv. prolifer C B. 209. 6. *phyt.* 393. 18.
Caryophyllus prolifera *Park.* 1338. fig. 1.
Betonica *Coronaria* ſquamoſa ſylv. *Chabr.* 446. Ic. 6. I B. 3. l. 29. p. 335. fig.
Armeria prolifera *Lob.* Ic. 449. 1. *Belg.* 534. *Jonſt.* 599. fig. 5.

Grows in barren *Paſtures* in many Parts of *France*, *Italy*, *Germany*, &c.

67. *Gray*

67. Gray *Stitchwort* Ray 1020. 7. H. Ox. 546. 44.
Holoſteum *Hart.* incanum vulgare *Nobis.*
Caryophyllus Holoſteus *Ger.* 277. xi. *Jonſt.* 595. fig. 15.
Caryophyllus *Holoſteus* tomentoſus I B. 3. l. 29. p. 360. fig. *Park.* 1339. fig. 7.
Caryophyllus *Holoſt.* tomentoſus latifolius C B. 210. 2. *pr.* 194. 5.
Lychnis maritima incana & tomentoſa *H. Oxon.* 546. 44.
Myoſotis tomentoſa *Linariæ* folio amplo. E B. 211. *Inſt.* 244.

The *Deſcription* of I B. and others much better agree with this Plant than that of C B. prodr. p. 104. 5.

There is no good *Figure* of this Herb altho a *Common Edging* in every *Countrey* Garden.

68. Penny's *Myrtle Ciſtus* Ray 1011. 13.
Aſcyrum *Balearicum* fruteſcens, magno *flore* luteo, *fol.* minoribus lucidis ſubtus verrucoſis *J. Salvadore.*
Myrto-Ciſtus Pennei *Cluſ.* 68. fig. *Pan.* 67. fig. *Park.* 665. fig. *Ger.* 1098. fig. 16. *Jonſt.* 1279. fig. 16. *Tab.* Ic. 1054. 2.
Myrto-Ceſtus Pennei, fl. luteis oblongis *Chabr.* 103. Ic. 2. I B. 2. l. 13. p. 21. fig.

Dr. *Penny* a famous Phyſitian of *London* and a very curious Naturaliſt of that time, firſt communicated this Plant A. D. 1580. which he had gathered on the Iſland *Majorca* to *Carolus Cluſius*, who gave a *Figure* of it, and from whence all other Authors have ſince copied it. We are lately obliged to Dr. *John Salvadore* at *Barcelona* for the more perfect Knowledge of it, who amongſt many other very *curious* and *Rare Plants* gathered in that Iſland and *Minorca*, ſent me this under the Name as above, of which it is a true *Species.*

69. *Matthiolus* his *Coris* or St. *John's-wort* Ray 1018. 4.
Coris C B in Matth. 669. fig opt. *Cam.* 678. fig. *Park.* 570. fig. 1. *Jonſt.* 544. fig. 1. *Lob.* Ic. 403. 1. *Belg.* 489. *Obſ.* 220. fig.
Coris lutea C B. 280. 1. lutea major *phyt.* 548. 1.

Hypericoides *Coris* quorundam & *Coris* legitima *Cretica* Chabr. 456. Ic. 5. l. B. 3. l. 29. p. 384. fig.
Hypericum ſeu *Coris* legitima *Ericæ* ſimilis *H. Oxon* 469. 4.
Hypericum *Syriacum* tenuiſſimo & glauco folio *El. Bot.* 222 *Inſt.* 255.

Matthiolus ſays this grows in dry Grounds and Hills in many Places of *Italy*, and by *Carara* a Village of *Liguria*, as *Camerarius* aſſerts.

I take this by its Figure to be different from *Bellus* and *Pona* their *Coris* legitima *Cretica*.

70. Succory *Mullein*.

Blattaria *Cichorei* folio villoſo *Nobis*.
an *Blattaria* Orient. *Agrimoniæ* folio. T. Coral.

Its *Leaves* ſpread on the Ground, are deeply cut long and hoary, from the midſt of theſe riſe ſlender Stalks, much branched and full of ſmall yellow *Flowers* which ſoon fall off.

I have as yet ſeen this in *Chelſea Garden* only.

71. Great *Pile Trefoil* Ray 968. 12. *H. Ox.* 177. 14.
Lotus Hæmorrhoidalis *ſive* Trifolium *Hæmorroid.* majus *Park.* 1102. fig. 8.
Lotus pentaphyllos ſiliquoſus villoſus CB. 332. 9.
Lotus polyceratos fruteſcens incana alba, *ſiliquis* curtis craſſioribus & brevioribus erectis *H. Ox.* 177. 14
Oxytriphyllum alterum *Stribonii* Herbariorum *Lob.* Adv. 381. fig.
Trifolium album, rectum hirſutum valde *Chabr.* 160. Ic. 1 l B. 2. l. 17. p. 360. fig.
Trifolium *Hæmorrhoidale* Lob. *illuſtr.* 151.

Grows plentifully about *Montpelier*, Lobel *ſays* its alſo found about *Lyons* and *Turin*.

The *Leaves* or rather the *Seed* given in *Powder* from 30 Grains to 60 in *Red Wine*, is ſaid to be very effectual in curing the *Piles*.

72. Leſſer *Pile Trefoil* Ray 968 xi.

Lotus

Lotus *Hæmorrhoidalis* alter minus ſive Lotus *Lybica* Dal. *Park.* 1102. f. 9.

Lotus ſiliquoſus glaber, *flore* rotundo C B. 332. 10.

Lotus *Lybica* Dalechampii *Lugd.* 509. fig.

Lotus *Lybica* Dalech. *vulgò* H. Leyd. 384.

Trifolium rectum *Monſpeſſulanum* I B. 2. l. 17. p. 359. *ſine* fig.

Trifolium rectum *Monſpeſ.* fl. rotundo C B *phyt.* 666. 46.

Grows by River ſides and moiſt Places about *Meſſina*, *Calabria* and *Montpelier*.

73. *Camerarius* his *Birds Foot* Trefoil. Ray 970. 30.

Lotus ſiliquis *Ornithopodii* C B. 332. 2. *phyt.* 667. 36. I B. 2. l. 17. p. 359. fig.

Lotus peculiaris, ſiliquis *Ornithopodii* Camer. Hort. 91. Ic. 25. opt.

Lotus *Ornithopodii* ſiliquis, *fl.* luteo, nigris lineis ſtriato *Chabr.* 158. Ic. 1.

Lotus polyceratos annuus procumbens latifolius, ſiliquis *Ornithopodii* H. Ox. 176. 8.

Lotus ſylveſtris *Creticus* Park. 1101. fig. 4. ex *Pona* Ital. 153.

That Reverend Divine and Botaniſt Sir *George Wheeler*, obſerved this in the *Iſland* Corfu.

74. Fine *Fumitory* Ray 406. 3. H. Ox. 261. xi.

Fumaria tenuifolia *Ger.* 928. fig. 3. *Jonſt.* 1088. fig. 3.

Fumaria minor five tenuifolia *Park.* 287. fig. 2.

Fumaria minor tenuifolia C B. 143. 3. *phyt.* 245. 2.

Fumaria minor *ſive* tenuifolia ſurrecta *Chabr.* 277. Ic. 6. I B. 3. l. 26 p. 203. fig.

Capnos tenuifolia *Cluſ.* 208. fig. 2. *Hiſp.* 375. fig. *Lob.* Ic. 757. 2. *Belg.* 914 *Obſ.* 438.

Grows amongſt Corn and by Pathways about *Montpelier*, and in divers parts of *Spain* where its called *Palomilla*, and flowers in *April* and *May*.

75. Barcelona *Hart Fumitory*.

Fumaria henneaphyllos *Hiſpanica* ſaxatilis *Bocc.* Muſ. 83. Tab. 73.

Fumaria heneaphyllos *Hiſpan.* ſaxatilis, *fl.* vario *Barrel.* 866. Ic. 42.

Fumaria *Hiſp.* ſaxatilis, *fol.* amplioribus cordiformibus, *ſem.* compreſſis *El Bot.* 334. *Inſt.* 422.

Dr. *Salvadore* obſerved this in the Fiſſures of *Mount Serrat*, and in the Hermits Walls about *Barcelona* where it *Flowers* in *May*, *June*, and *July*.

The curious *Dutcheſs Dowager* of *Beaufort* ſhewed me very fair Specimens of this Plant, which her *Grace* raiſed from *Seed* I had given her.

Plantæ *fructu* tricocco. *Plants* with Treble Husks and Seed.

76. Garden *Spurge* Ray 866. 18.

Lathyris C B. in Matth. 868. fig. 1. *Cam.* 968. *fig.* opt.

Lathyris major C B. 293. 1. *phyt.* 577. 1.

Lathyris major *Hortenſis Park.* 191. fig. 1.

Lathyris ſive *Cataputia* minor *Chabr.* 535. Ic. 4. I B. 3. p. 880. fig. *Jonſt.* 503. fig. 18.

Cataputia minor *Lob.* Ic. 362. 1. *Belg.* 439. *Obſ.* 197. *Ger.* 405. fig. 14.

Cataputia minor ſive *Lathyris* anguſtifolia *Tab.* 587. Ic 2.

Tithymalus latifolius *Cataputia* dictus H. *Leyd.*

Grows ſpontaneouſly in many *Gardens*, where it *Flowers* and *Seeds* in *July* and *Auguſt*.

77. Red Flowred *Spurge* Ray 864. 2.

Characias *Monſpelienſium* Cluſ. & Matth. *Lob.* Ic. 359. 2. Belg. 43. Obſ. 194. fig. 2. Adv. 152.

Tithymalus Amygdaloides *ſive* Characias *Chabr.* 534. Ic. 2. I B. 3. l. 34. p 672. *fig.*

Tithymalus Characias 1. *Cluſ.* 188. fig. 1. *Hiſp.* 436. fig.

Tithymalus Characias *Monſpelienſium* Park. 186. 2. *Jonſt.* 499. fig. 8

Tithymalus *Characias* rubens peregrinus C B. 290. 2. *phyt.* 572. 1.

Cluſius obſerved this on the rough Mountains of *Spain*, its alſo found in *Italy* and about *Montpelier* in ſtoney Places.

Its dark red *Flowers*, diſtinguiſh it from others like it.

78. Montpelier *Meadow* Spurge.

Tithymalus *Lithoſpermi* majoris folio *Bot. Monſp.* 305.
An *Tithymalus* Tingitanus *Linariæ* folio, lunato *flore* H. *Leyd.*
An *Tithymalus* Linariæ *folio*, lunato *flore* H. Bleſ. 313.

Dr. *Niſſole* that curious Botaniſt ſent me this Plant among many others gathered about *Montpelier.*

79. Soft *Spurge* of *Mount Polline.*

Tithymalus *Montis Pollini*, fol. & fructu pubeſcentibus.

Its *Stalks* brown and hoary as are its *Leaves* which grow alternately and not thick ſet. It *Flowers* and *Seeds* in *July* and *Auguſt.*

Monſ. *Vaillant* ſent me a *Specimen* and *Seed* of this from *Paris.*

80. Cambridge *Corn* Spurge *Ray* 868. 22.

Tithymalus *Segetum* longifolius *Cat. Cant.* app.

It grows in the *Corn* beyond *Kingſton-wood* in the Road to *Gamlingay* in *Cambridge-ſhire*, where I found it in company with Mr. *James Sherard*, an accurate *Botaniſt* and weil verſt in the Knowledge of our *Engliſh* Plants.

81. Cypreſs *Spurge* Ray 865. 19. *H. Ox.* Bob. 335. 4.

Tithymalus Cupreſſinus *Jonſt.* 449 fig. 5. H. Ox. *Bob.* 335. 4. 1. Tab. Ic. 594. fig. 2. Hiſt. 2. p. 293. f. 3. opt.

Tithymalus *Pinea* Ger. 402. fig. 6. opt.

Tithymalus Cypariſſias C B. 291. 2. T. Eſula *Chabr.* 532. Ic. 6. I B. 3. l. 34 p. 663. fig. *Cam.* 964. fig. *Lob.* Obſ. 192. fig. 3. Adv. 151. C B in *Matth.* 865. fig. 5. *Lugd.* 1644. fig. 2. opt.

Tithymalus *Cypariſſias* minor C B *phyt.* 575. 15,

Tithymalus *Cypariſſias* vulg. *Park.* 193. *deſcr.* 3 but its *Figure* is of the *Pytiuſa* or *Eſula* major.

Vertues. Dr. *Tournefort* ſays the *Root* of this *Spurge* is a proper *Cathartick* in *Hydropick* and *Cachectic* Bodies, as alſo for intermittent *Feavers* given from ℥ſs to ℈ij with 20 Grains

Grains of *Mercurius dulcis* and 30 of *Cream* of *Tartar*, 10, 15 or 20 of its *Seed* is a ſtrong Purge, and the *Baſis* of *Fernelius* his *Pil. ex Eſula*, its Doſe ℈ij. The *Roots* of this Plant are alſo uſed in the *Benedicta* Laxativa. *Hydragogum* eximium *Renodei*. Extract. *eximium* & Cholagogum *Rolfinchii*.

It *grows* pretty common in many *Gardens*.

82. Common *Sea* Spurge *Ray* Brit. Herbal. *Tab.* 53. fig. 8. *Tithymalus* maritimus C B 291. 1. *phyt.* 574. xi.

Tithymalus *Paralius* Chabr. 534. Ic. 6. I B. 3. 1 34. p. 674. fig. *Lob.* Ic. 354. 2, Belg. 430. *Obſ.* 191, fig. Camer. 962. *fig.* opt.

Tithymalus paralius *ſeu* maritimus *Park.* 184. fig *Ger.* 401. fig. 1. *Jonſt.* 498. fig 1. *opt.* Matth. *Lugd.* 1643. fig. 2. & 47. fig. 1. *Tab.* 593. Ic 1. Hiſt. 2. p. 292. f. 3. C B in Matth. 864. fig. 3.

This elegant *Spurge* is found on moſt of the *Sea* Coaſts of *Europe*.

83. Small *Portland* Spurge.

Tithymalus *maritimus* minor *Portlandicus*.

From a ſmall downright ſingle *Root*, riſe ſlender *Stalks* with longiſh oval *Leaves* not thick ſet (as in the *common Sea-Spurge*) at the Top come ſmall Umbels of *Flowers* and *Seeds* like other *Spurges*. It *grows* not a Span high even in our *Gardens* where it is very luxuriant.

The Reverend Mr. *William Stoneſtreet*, that accurate *Botaniſt*, firſt diſcovered this about a Year ſince on a narrow Neck of Land covered with *Peebles* which joyns *Portland* with the Coaſt of *Dorſet-ſhire*.

Arbores Piſiſloræ. *Trees* with *Pea-blooms*.

84. Bean *Trefoil-tree*. Ray 1721. 1.

Anagyris Cam. 671. fig. *Ger.* 1239. fig. 1. *Jonſt.* 1427. fig. 1.

Anagyris 1. Tabern. 1089. Ic. 2. Hiſt. Vol. 2. p. 794. f. 1.

Anagyris non fætida major vel *Alpina* C B. 391. 3.

Anagyris ſive *Laburnum* majus *Park.* 245 fig. 2. opt.

Anagy-

Anagyris minus fœtens vel *Laburnum* Lob. Ic. 2 p. 49 2 Belg. 2. p. 56. fig:

Laburnum Chabr. 78. Ic. 1.

Laburnum arbor trifolia *Anagyridi* ſimilis I B 1. l. xi. p. 361. f. It *Flowers* in *May*, *June*, &c. On *Saleve* & *Jura* two Mountains near *Geneva* where Mr. *Ray* obſerved it, as alſo on the *Alps* of *Savoy*.

85. Great podded, *Baſtard* Sena *Ray* 923. 1. H Ox. 122. 1.

Colutea *Scorpoides* Lob. Ic. 86. 2. pt. 2. *Belg.* 100. T. 2. *Adv.* 405. fig. *Chabr.* 82. Ic 1. I B. 1. l. xi. p. 381. fig. *Ger.* 1116. fig. 2. *Jonſt.* 1299. fig. 2.

Colutea Scorpioides 1. *Tab.* 1091. Ic. 1 Hiſt. 695. f. 2.

Colutea *Scorpoides* 1. elatior *Cluſ.* 97. fig.

Colutea *Scorpioides* major *Park.* 227. fig. 2.

Colutea *Scoopioides* elatior & major fruteſcens *H. Ox.* 122. 1.

Colutea *ſiliquoſa* ſive *Scorpioides* major C B 397. 2.

Emerus vulgò *Cæſalp.* 117.

Mr. *Ray* has obſerved this about *Montpelier*, *Geneva*, &c.

86. Common *Bladder* Baſtard *Sena* Ray 1720. 1.

Colutea Ger. 1116. fig. 1. *Jonſt.* 1299. fig. 1. *Tab.* 1090. Ic. 2.

Colutea Theoph. *Lob.* Ic 88. 2. pt. 2. *Belg.* 101. T. 2. *Obſ.* 530.

Colutea *Veſicaria* vulgaris *Park* 227. fig. 1. C B. 396. 1.

Colutea Veſicaria *Chabr.* 81. Ic. 6. I B. 1. l. xi. p. 380. fig.

Emeri alterum genus *Cæſalp.* 117.

Grows about *Trent* plentifully, as alſo on *Mount* Veſuvius, *&c.*

Arbores Bacciferæ. *Berry-trees.*

87. Widdow-wayl *Ray* 1710. c. 12. Lecaan 83. 50.

Olivella Hiſpanis. *Garoupe* Narbonenſ. *Frembd Seidel paſt* Germ.

Chamelea Dod. 633. fig *Cam.* 573. fig. opt.

Chamelea tricoccos. C B. 462. 1. *Cluſ.* 87. fig 1 *Hiſp.* 170. fig *Chabr.* 46 Ic. 3. I B 1. l. 5. p. 584 fig. *Park.* 202. fig. 5.

Chamelea *Arabum* tricoccos *Ger.* 1215. fig. *Jonſt.* 1402. fig. 1. *Tab.* 1075. Ic. 2.

Chamelea *vera* aliis *Tricoccos*, Mezereon *Cam.* Hort. 39.

Chamu-

Chamælea vera, *aliis* Tricoccos *Lob.* Ic. 369. 2. *Adv.* 157. fig. *Belg.* 448. fig.

Grows plentifully in Olive Grounds and on the Rocky Hills about *Montpelier.*

88. Plain Ovall *Mock-Privet.*

Phyllyrea folio ſubrotundo vix ſerrato.

Theſe *Leaves* much reſemble the *Figure* in *Camerarius* his *Epitome* p. 90. marked thus * but its notches leſs viſible.

89. True *Mock-Privet.*

Phyllyrea vera, *folio* acuto, baſi lato.

This alſo is very lightly notcht.

90. Olive *Mock Privet. Ray* Dendr. 53. 2.

Phillyrea *Oleæ Epheſiacæ* folio *Hort.* Med. *Chelſ.* Pluk. *Tab.* 310. fig. 5.

Theſe *Leaves* are oblong, pointed and wholly plain.

91. Fine dented, ſmall leaved *Mock-Privet.*

Phyllyrea folio minori argutè ſerrato.

The only Tree of this I have as yet ſeen is in the *Wilderneſs* of the *Biſhop* of *London*'s Garden at *Fulham.*

92. Common *Mock-Privet.* Ray 1585. 2.

Phillyrea fol. *Liguſtri* C B. 476. 4.

Phillyrea latiore folio *Ger.* 1209. fig. *Jonſt.* 1395. fig. 2.

Phillyrea latiuſculo fol. *Chabr.* 42. Ic. 2. I B. 1. l. 5. p. 539. fig.

Phillyrea 3 Cluſ. 52. fig. 2. *Hiſp.* 68. fig.

Phillyrea anguſtifolia 1. *Park.* 1443 fig. 4. *ſecundum* Iconem.

Grows wild in *Spain* and about *Montpelier.*

93. Common Narrow *Mock-Privet* Ray. 1585. 1.

Phillyrea anguſtifolia *Ger.* 1209. fig. 1. *Jonſt.* 1595. fig. 1. *Chabr.* 42. Ic. 1. I. B. 1. l. 5. p. 538. fig. *Lob.* Ic. 2. p. 132. Belg. T. 2. p. 154. fig. *Obſ.* 565. fig.

Phillyrea anguſtifolia 1 C B. 476. 5.

Phillyrea 4 Cluſ. 52. fig. 3. *Hiſp.* 64. fig.

Frequent about *Montpelier.*

We ſhall *Conclude* with the *Indian Herbs and Trees* in the *next* Tranſactions.